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OM protein - protein search, using sw model

Run on: August 28, 2002, 17:37:38 ; Search time 305.46 Seconds
(without alignments)
243.135 Million cell updates/sec

Title: US-09-502-984B-6
Perfect score: 1098
Sequence: 1 KFESKALLAARGPELLCF.....AEPFGFGFWASWSPVSLTT 211

Scoring table: BIOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 3502263 seqs, 351980561 residues

Total number of hits satisfying chosen parameters: 3502263

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Pending_Patents_AA_Main:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	1080	98.4	211	19	US-09-502-984-5
3	1078	98.2	211	19	US-09-502-984-4
4	1075	97.9	211	19	US-09-502-984-9
5	1073	97.7	211	19	US-09-502-984-13
6	1073	97.7	211	19	US-09-502-984-14
7	1073	97.7	211	19	US-09-502-984-15

	8	1070	97.4	211	19	US-09-502-984-7	Sequence 7, Appl
	9	1070	97.4	211	19 <td>US-09-502-984-17</td> <td>Sequence 17, Appl</td>	US-09-502-984-17	Sequence 17, Appl
	10	1066	97.1	211	19 <td>US-09-502-984-16</td> <td>Sequence 16, Appl</td>	US-09-502-984-16	Sequence 16, Appl
	11	1064	96.9	211	19 <td>US-09-502-984-11</td> <td>Sequence 11, Appl</td>	US-09-502-984-11	Sequence 11, Appl
	12	1061	96.6	211	19 <td>US-09-502-984-12</td> <td>Sequence 12, Appl</td>	US-09-502-984-12	Sequence 12, Appl
	13	1060	96.5	211	19 <td>US-09-502-984-2</td> <td>Sequence 2, Appl</td>	US-09-502-984-2	Sequence 2, Appl
	14	1060	96.5	211	19 <td>US-09-502-984-10</td> <td>Sequence 10, Appl</td>	US-09-502-984-10	Sequence 10, Appl
	15	1060	96.5	225	19 <td>US-09-502-984-1</td> <td>Sequence 1, Appl</td>	US-09-502-984-1	Sequence 1, Appl
	16	1060	96.5	438	17 <td>US-09-339-838-5</td> <td>Sequence 5, Appl</td>	US-09-339-838-5	Sequence 5, Appl
	17	1060	96.5	488	8 <td>US-08-474-673-2</td> <td>Sequence 2, Appl</td>	US-08-474-673-2	Sequence 2, Appl
	18	1060	96.5	488	13 <td>US-08-960-733-2</td> <td>Sequence 2, Appl</td>	US-08-960-733-2	Sequence 2, Appl
	19	1059.5	96.5	212	19 <td>US-09-502-984-3</td> <td>Sequence 3, Appl</td>	US-09-502-984-3	Sequence 3, Appl
	20	1057	96.3	220	18 <td>US-09-452-565-6</td> <td>Sequence 6, Appl</td>	US-09-452-565-6	Sequence 6, Appl
	21	1057	96.3	268	18 <td>US-09-452-565-3</td> <td>Sequence 3, Appl</td>	US-09-452-565-3	Sequence 3, Appl
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	23	1053	95.9	211	19 <td>US-09-502-984-8</td> <td>Sequence 8, Appl</td>	US-09-502-984-8	Sequence 8, Appl
	24	1053	95.9	508	14 <td>US-09-016-159-5</td> <td>Sequence 5, Appl</td>	US-09-016-159-5	Sequence 5, Appl
	25	1053	95.9	508	14 <td>US-09-058-429-5</td> <td>Sequence 5, Appl</td>	US-09-058-429-5	Sequence 5, Appl
	26	1052	95.8	438	17 <td>US-09-339-838-7</td> <td>Sequence 7, Appl</td>	US-09-339-838-7	Sequence 7, Appl
	27	1048	95.4	211	19 <td>US-09-502-984-18</td> <td>Sequence 18, Appl</td>	US-09-502-984-18	Sequence 18, Appl
	28	1039	94.6	211	19 <td>US-09-502-984-19</td> <td>Sequence 19, Appl</td>	US-09-502-984-19	Sequence 19, Appl
	29	1034	94.2	211	19 <td>US-09-502-984-20</td> <td>Sequence 20, Appl</td>	US-09-502-984-20	Sequence 20, Appl
	30	1025	93.4	211	19 <td>US-09-502-984-21</td> <td>Sequence 21, Appl</td>	US-09-502-984-21	Sequence 21, Appl
	31	1025	93.4	211	19 <td>US-09-502-984-24</td> <td>Sequence 24, Appl</td>	US-09-502-984-24	Sequence 24, Appl
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	33	1022	93.1	211	19 <td>US-09-502-984-23</td> <td>Sequence 23, Appl</td>	US-09-502-984-23	Sequence 23, Appl
	34	1020	92.9	211	19 <td>US-09-502-984-22</td> <td>Sequence 22, Appl</td>	US-09-502-984-22	Sequence 22, Appl
	35	1020	92.9	211	19 <td>US-09-502-984-26</td> <td>Sequence 26, Appl</td>	US-09-502-984-26	Sequence 26, Appl
	36	1019	92.8	211	19 <td>US-09-502-984-28</td> <td>Sequence 28, Appl</td>	US-09-502-984-28	Sequence 28, Appl
	37	1009	91.9	211	19 <td>US-09-502-984-27</td> <td>Sequence 27, Appl</td>	US-09-502-984-27	Sequence 27, Appl
	38	997	90.8	211	19 <td>US-09-502-984-29</td> <td>Sequence 29, Appl</td>	US-09-502-984-29	Sequence 29, Appl
	39	473	43.1	165	1	PCR-US01-14827-13860	Sequence 13860, A
	40	394	35.9	80	26	US-60-160-202-3517	Sequence 3517, Ap
	41	260	23.7	53	26	US-60-160-202-4200	Sequence 4200, Ap
	42	240	21.9	54	26	US-60-160-202-2419	Sequence 2419, Ap
	43	173	15.8	50	26	US-60-182-094-1197	Sequence 1197, Ap
	44	168	15.3	56	21	US-09-757-027-110	Sequence 710, App
	45	167.5	15.3	117	16	US-09-206-647-3	Sequence 3, Appl

ALIGNMENTS

RESULT 1
US-09-502-984-6
Sequence 6, Application US/09502984
GENERAL INFORMATION:
APPLICANT: Luo, Peizhi
TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
FILE REFERENCE: A-68126-1/RET/RMS/RMK
CURRENT APPLICATION NUMBER: US/09/502, 984
CURRENT FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: 60/120, 009
PRIOR FILING DATE: 1999-02-11
PRIOR APPLICATION NUMBER: 60/131, 674
PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 211
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-6

Query Match 100.0%; Score 1098; DB 19; Length 211;
Best Local Similarity 100.0%; Pred. No. 2.6e-112;
Matches 211; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 KFESKALLAARGPELLCFERLEDVCFEASAGVGPNFSFQLEDEPMKLCRL 60
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Db 1 KFSKAAALLAARGPEELCTERLEDVCFEEAASAGVGPNGFSFQLEDEPMKLCRL 60
Qy 61 HOAPTARGAIRFMCSLPTADTSSFPVLELRLTAASGAPRFRHVHINEVLLDAPVGLA 120
Db 61 HOAPTARGAIRFMCSLPTADTSSFPVLELRLTAASGAPRFRHVHINEVLLDAPVGLA 120
Qy 121 RLADSGHVYIRMLPPETPMTSHIRELDISAGNGAGSVQVRELLGRTCEVLSNLGR 180
Db 121 RLADSGHVYIRMLPPETPMTSHIRELDISAGNGAGSVQVRELLGRTCEVLSNLGR 180
Qy 181 TRITIAVARMABEPSFGGFWMSAMSEPVSLIT 211
Db 181 TRITIAVARMABEPSFGGFWMSAMSEPVSLIT 211

RESULT 2
US-09-502-984-5
; Sequence 5, Application US/09502984
; GENERAL INFORMATION:
; APPLICANT: Luo, Peizhi
; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
; FILE REFERENCE: A-68126-1/RT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/502,984
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/120,009
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/131,674
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 211
; TYPE: PR
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-5

Query Match 98.4%; Score 1080; DB 19; Length 211;
Best Local Similarity 97.2%; Pred. No. 2, 6e-110;
Matches 205; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFSKAAALLAARGPEELCTERLEDVCFEEAASAGVGPNGFSFQLEDEPMKLCRL 60
Db 1 KFSKAAALLAARGPEELCTERLEDVCFEEAASAGVGPNGFSFQLEDEPMKLCRL 60
Qy 61 HOAPTARGAIRFMCSLPTADTSSFPVLELRLTAASGAPRFRHVHINEVLLDAPVGLA 120
Db 61 HOAPTARGAIRFMCSLPTADTSSFPVLELRLTAASGAPRFRHVHINEVLLDAPVGLA 120
Qy 121 RLADSGHVYIRMLPPETPMTSHIRELDISAGNGAGSVQVRELLGRTCEVLSNLGR 180
Db 121 RLADSGHVYIRMLPPETPMTSHIRELDISAGNGAGSVQVRELLGRTCEVLSNLGR 180
Qy 181 TRITIAVARMABEPSFGGFWMSAMSEPVSLIT 211
Db 181 TRITIAVARMABEPSFGGFWMSAMSEPVSLIT 211

RESULT 3
US-09-502-984-4
; Sequence 4, Application US/09502984
; GENERAL INFORMATION:
; APPLICANT: Luo, Peizhi
; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
; FILE REFERENCE: A-68126-1/RT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/502,984
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/120,009
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/131,674
; PRIOR FILING DATE: 1999-04-29
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; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 211
; TYPE: PR
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-4

Query Match 98.2%; Score 1078; DB 19; Length 211;
Best Local Similarity 96.7%; Pred. No. 4, 3e-110;
Matches 204; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1 KFSKAAALLAARGPEELCTERLEDVCFEEAASAGVGPNGFSFQLEDEPMKLCRL 60
Db 1 KFSKAAALLAARGPEELCTERLEDVCFEEAASAGVGPNGFSFQLEDEPMKLCRL 60
Qy 61 HOAPTARGAIRFMCSLPTADTSSFPVLELRLTAASGAPRFRHVHINEVLLDAPVGLA 120
Db 61 HOAPTARGAIRFMCSLPTADTSSFPVLELRLTAASGAPRFRHVHINEVLLDAPVGLA 120
Qy 121 RLADSGHVYIRMLPPETPMTSHIRELDISAGNGAGSVQVRELLGRTCEVLSNLGR 180
Db 121 RLADSGHVYIRMLPPETPMTSHIRELDISAGNGAGSVQVRELLGRTCEVLSNLGR 180
Qy 181 TRITIAVARMABEPSFGGFWMSAMSEPVSLIT 211
Db 181 TRITIAVARMABEPSFGGFWMSAMSEPVSLIT 211

RESULT 4
US-09-502-984-9
; Sequence 9, Application US/09502984
; GENERAL INFORMATION:
; APPLICANT: Luo, Peizhi
; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
; FILE REFERENCE: A-68126-1/RT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/502,984
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/120,009
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/131,674
; PRIOR FILING DATE: 1999-04-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 211
; TYPE: PR
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-9

Query Match 97.9%; Score 1075; DB 19; Length 211;
Best Local Similarity 96.2%; Pred. No. 9, 1e-110;
Matches 203; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 1 KFSKAAALLAARGPEELCTERLEDVCFEEAASAGVGPNGFSFQLEDEPMKLCRL 60
Db 1 KFSKAAALLAARGPEELCTERLEDVCFEEAASAGVGPNGFSFQLEDEPMKLCRL 60
Qy 61 HOAPTARGAIRFMCSLPTADTSSFPVLELRLTAASGAPRFRHVHINEVLLDAPVGLA 120
Db 61 HOAPTARGAIRFMCSLPTADTSSFPVLELRLTAASGAPRFRHVHINEVLLDAPVGLA 120
Qy 121 RLADSGHVYIRMLPPETPMTSHIRELDISAGNGAGSVQVRELLGRTCEVLSNLGR 180
Db 121 RLADSGHVYIRMLPPETPMTSHIRELDISAGNGAGSVQVRELLGRTCEVLSNLGR 180
Qy 181 TRITIAVARMABEPSFGGFWMSAMSEPVSLIT 211
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Db 181 TRYTFAVRAMAEPSFGFMSAMSEPSVSLT 211

RESULT 5

US-09-502-984-13
; Sequence 13, Application US/09502984

; GENERAL INFORMATION:

; APPLICANT: Luo, Peizhi

; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY

; FILE REFERENCE: A-68126-1/RT/RMS/RMK

; CURRENT APPLICATION NUMBER: US/09/502,984

; PRIOR FILING DATE: 2000-02-11

; PRIOR APPLICATION NUMBER: 60/120,009

; PRIOR FILING DATE: 1999-02-11

; PRIOR APPLICATION NUMBER: 60/131,674

; PRIOR FILING DATE: 1999-04-29

; NUMBER OF SEQ ID NOS: 36

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 13

; LENGTH: 211

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

US-09-502-984-13

Query Match 97.7%; Score 1073; DB 19; Length 211;
Best Local Similarity 96.2%; Pred. No. 1.5e-109;
Matches 203; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1 KESKALLAARPEELCTERLEDLVCFEEBAASAGVPGNFSFQLEDEPMKLCRL 60

Db 1 KESKALLAARPEELCTERLEDLVCFEEBAASAGVPGNFSFQLEDEPMKLCRL 60

QY 61 HQAPTARGAIREWCSLPTADTSSFVPLELRLTAASGAPRHRVITHINEVLLDAPVGLVA 120

Db 61 HQAPTARGAIREWCSLPTADTSSFVPLELRLTAASGAPRHRVITHINEVLLDAPVGLVA 120

QY 121 RLADSGHVYIRLPPPEPMTSHIRFELDISGNGAGSVQRELLLEGTECVLSNLGR 180

Db 121 RLADSGHVYIRLPPPEPMTSHIRFELDISGNGAGSVQRELLLEGTECVLSNLGR 180

QY 181 TRITIAVRAMAEPSFGFMSAMSEPSVSLT 211

Db 181 TRITIAVRAMAEPSFGFMSAMSEPSVSLT 211

RESULT 6

US-09-502-984-14
; Sequence 14, Application US/09502984

; GENERAL INFORMATION:

; APPLICANT: Luo, Peizhi

; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY

; FILE REFERENCE: A-68126-1/RT/RMS/RMK

; CURRENT APPLICATION NUMBER: US/09/502,984

; PRIOR FILING DATE: 2000-02-11

; PRIOR APPLICATION NUMBER: 60/120,009

; PRIOR FILING DATE: 1999-02-11

; PRIOR APPLICATION NUMBER: 60/131,674

; PRIOR FILING DATE: 1999-04-29

; NUMBER OF SEQ ID NOS: 36

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 14

; LENGTH: 211

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

US-09-502-984-14

Query Match 97.7%; Score 1073; DB 19; Length 211;
Best Local Similarity 96.2%; Pred. No. 1.5e-109;
Matches 203; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

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Db 1 KESKALLAARPEELCTERLEDLVCFEEBAASAGVPGNFSFQLEDEPMKLCRL 60

QY 61 HQAPTARGAIREWCSLPTADTSSFVPLELRLTAASGAPRHRVITHINEVLLDAPVGLVA 120

Db 61 HQAPTARGAIREWCSLPTADTSSFVPLELRLTAASGAPRHRVITHINEVLLDAPVGLVA 120

QY 121 RLADSGHVYIRLPPPEPMTSHIRFELDISGNGAGSVQRELLLEGTECVLSNLGR 180

Db 121 RLADSGHVYIRLPPPEPMTSHIRFELDISGNGAGSVQRELLLEGTECVLSNLGR 180

QY 181 TRITIAVRAMAEPSFGFMSAMSEPSVSLT 211

Db 181 TRITIAVRAMAEPSFGFMSAMSEPSVSLT 211

RESULT 7

US-09-502-984-15
; Sequence 15, Application US/09502984

; GENERAL INFORMATION:

; APPLICANT: Luo, Peizhi

; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY

; FILE REFERENCE: A-68126-1/RT/RMS/RMK

; CURRENT APPLICATION NUMBER: US/09/502,984

; PRIOR FILING DATE: 2000-02-11

; PRIOR APPLICATION NUMBER: 60/120,009

; PRIOR FILING DATE: 1999-02-11

; PRIOR APPLICATION NUMBER: 60/131,674

; PRIOR FILING DATE: 1999-04-29

; NUMBER OF SEQ ID NOS: 36

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 15

; LENGTH: 211

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

US-09-502-984-15

Query Match 97.7%; Score 1073; DB 19; Length 211;
Best Local Similarity 96.2%; Pred. No. 1.5e-109;
Matches 203; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1 KESKALLAARPEELCTERLEDLVCFEEBAASAGVPGNFSFQLEDEPMKLCRL 60

Db 1 KESKALLAARPEELCTERLEDLVCFEEBAASAGVPGNFSFQLEDEPMKLCRL 60

QY 61 HQAPTARGAIREWCSLPTADTSSFVPLELRLTAASGAPRHRVITHINEVLLDAPVGLVA 120

Db 61 HQAPTARGAIREWCSLPTADTSSFVPLELRLTAASGAPRHRVITHINEVLLDAPVGLVA 120

QY 121 RLADSGHVYIRLPPPEPMTSHIRFELDISGNGAGSVQRELLLEGTECVLSNLGR 180

Db 121 RLADSGHVYIRLPPPEPMTSHIRFELDISGNGAGSVQRELLLEGTECVLSNLGR 180

QY 181 TRITIAVRAMAEPSFGFMSAMSEPSVSLT 211

Db 181 TRITIAVRAMAEPSFGFMSAMSEPSVSLT 211

RESULT 8

US-09-502-984-17
; Sequence 17, Application US/09502984

; GENERAL INFORMATION:

; APPLICANT: Luo, Peizhi

; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY

; FILE REFERENCE: A-68126-1/RT/RMS/RMK


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; ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-11

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Query Match	96.9%;	Score 1064;	DB 19;	Length 211;
Best Local Similarity	94.3%;	Pred. No. 1.5e-108;		
Matches 199; Conservative	10;	Mismatches 2;	Indels 0;	Gaps 0;

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Db	1	KFESEKALLAARGEEELICFEREDDYVCFEEEAASGVAPGNNSFOTLEDDEPMKICRL	60
QY	61	HOAPTARGAIRFWCISLTPTADTSSFPLELRILTAASGAPRHRVHINEVLLDAPGLVA	120
Db	61	HOAPTARGAIRFWCISLTPTADTSSFPLELRILTAASGAPRHRVHINEVLLDAPGLVA	120
QY	121	RLADESHVYIRMLPPETPMTSHIRRELDISAGNAGSVQRYELLEGRTECVLSNLGR	180
Db	121	RLADESHVYIRMLPPETPMTSHIRRELDISAGNAGSVQRYELLEGRTECVLSNLGR	180
QY	181	TRITIAVRARMAEPPSGGFMFSAMSEPPSLT	211
Db	181	TRITIAVRARMAEPPSGGFMFSAMSEPPSLT	211

RESULT 12
US-09-502-984-12

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? Sequence 12, Application US/09502984
? GENERAL INFORMATION:
? APPLICANT: Luo, Peizhi
? TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
? FILE REFERENCE: A-68126-1/RET/RMS/RMK
? CURRENT APPLICATION NUMBER: US/09/502,984
? CURRENT FILING DATE: 2000-02-11
? PRIOR APPLICATION NUMBER: 60/120,009
? PRIOR FILING DATE: 1999-02-11
? PRIOR APPLICATION NUMBER: 60/131,674
? PRIOR FILING DATE: 1999-04-29
? NUMBER OF SEQ ID NOS: 36
? SOFTWARE: PatentIn Ver. 2.1
? SEQ ID NO 12
? LENGTH: 211
? TYPE: PRT
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
? OS-09-502-984-12

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Query Match	96.68;	Score 1061;	DB 19;	Length 211;
Best Local Similarity	94.38;	Pred. No. 3.2e-108;		
Matches .199;	Conservative	10;	Mismatches	2;
			Indels	0;
			Gaps	0;

QY	1	KPESKALLAARGBEELCTFERBEDJYCFEEEAASGVAPKGFMSFSQJLEDEPMKICRL	60
Db	1	KPESKALLAARGBEELCTFERBEDJYCFEEEAASGVAPKGFMSFSQJLEDEPMKICRL	60
QY	61	HOAPTAGAIRFCMSLTPTADTSSFVPLELTLTAASGAPREPHYIHINEVLLDAPGIVA	120
Db	61	HOAPTAGAIRFCMSLTPTADTSSFVPLELTLTAASGAPREPHYIHINEVLLDAPGIVA	120
QY	121	RLADESGHVYIRMLPPETPMYISHIRELDDISAGNGAGSVORVLELLEGRTCYLSMLRGR	180
Db	121	RLADESGHVYIRMLPPETPMYISHIRELDDISAGNGAGSVORVLELLEGRTCYLSMLRGR	180
QY	181	TRITIANRARMAPESPFGFMSAMSEPSLIT	211
Db	181	TRITIANRARMAPESPFGFMSAMSEPSLIT	211

RESULT 13

US-09-502-984-2
; Sequence 2, Application US/09502984

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1  APPLICANT: Luo, Peizhi
2  TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
3  FILE REFERENCE: A-68126-1/RPT/RMS/RMK
4  CURRENT APPLICATION NUMBER: US/09/502,984
5  CURRENT FILING DATE: 2000-02-11
6  PRIOR APPLICATION NUMBER: 60/120,009
7  PRIOR FILING DATE: 1999-02-11
8  PRIOR APPLICATION NUMBER: 60/131,674
9  PRIOR FILING DATE: 1999-04-29
10 NUMBER OF SEQ ID NOS: 36
11 SOFTWARE: patentin Ver. 2.1

```

Query Match	96.5%	Score 1060;	DB 19;	Length 211;
Best Local Similarity	93.8%;	Pred. No. 4.1e-108;		
Matches 198; Conservative	11;	Mismatches 2;	Indels 0;	Gaps 0;

Qy	1	KFEESKALLAARGEEELLCTERLEDDYVCFEEEAASAGVPGNFSFQLEDEBPMKICRL	60
Db	1	KFEESKALLAARGEEELLCTERLEDDYVCFEEEAASAGVPGNFSFQLEDEBPMKICRL	60
Qy	61	HOAFTARGAIRFWCSLTPADTSSFPVLELRILTAASGAPRFRHVIHINEVLLDAPYGLVA	120
Db	61	HOAFTARGAIRFWCSLTPADTSSFPVLELRILTAASGAPRFRHVIHINEVLLDAPYGLVA	120
Qy	121	RLADESGHHVYIRLWLPPEETPMTSHIRELDDISAGNGAGSVQRYELLEGRTECVLSNUGR	180
Db	121	RLADESGHHVYIRLWLPPEETPMTSHIREVYDVASNGAGSVQRYELLEGRTECVLSNUGR	180
Qy	181	TRITIAVARARMAEPSPGSGFSAMSEPSLTT	211
Db	181	TRYTFYAVARARMAEPSPGSGFSAMSEPSLTT	211

RESULT 14

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US-09-502-984-10
; Sequence 10, Application US/09502984
; GENERAL INFORMATION:
; APPLICANT: Luo, Peibin
; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
; FILE REFERENCE: A-66126-1/FT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/502,984
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/120,009
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/131,674
; PRIOR FILING DATE: 1999-04-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; US-09-502-984-10

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Query Match	96.5%;	Score 1060;	DB 19;	Length 211;
Best Local Similarity	93.8%;	Pred. No. 4.1e-108;		
Matches 198;	Conservative 11;	Mismatches 2;	Indels 0;	Gaps 0;

[illegible]

QY	61	HOAPRAARAIIFWKSLLPADTSSFPVLELRTAASGAPREFRVRHINEVLLAPVIVA	120
Db	61	HOAPRAARAAIFWKSLLPADTSSFPVLELRTAASGAPRHRVRHINEVLLAPVGLVA	120
QY	121	RLADESGHVIVRMLPPPETPMTSHIRELIDISAGNGAGSVORVLELGRTECVLSNLGR	180
Db	121	RLADESGHVIVRMLPPPETPMTSHIRWEIDISAGNGAGSVORVLELGRTECVLSNLGR	180
QY	181	TRITIAVARRMAEESFGGFGNSAMESEPSLTL	211
Db	181	TRITIAVARRMAEESFGGFGNSAMESEPSLTL	211

```

RESULT 15
US-09-502-984-1
: Sequence 1, Application US/09502984
: GENERAL INFORMATION:
: APPLICANT: Luo, peizhi
: TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
: FILE REFERENCE: A-68126-1/RTT/RMS/RMK
: CURRENT APPLICATION NUMBER: 2000-02-11
: PRIOR FILING DATE: 2000-02-11
: PRIOR APPLICATION NUMBER: 60/120,009
: PRIOR FILING DATE: 1999-02-11
: PRIOR APPLICATION NUMBER: 60/131,674
: PRIOR FILING DATE: 1999-04-29
: NUMBER OF SEQ ID NOS: 36
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 1
: LENGTH: 225
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-502-984-1

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	Query Match	Similarity	96.5%	Score 1060	DB 19	length 225	
Best Local	Similarity	93.8%	Pred. No. 4	5e-108			
Matches	198	Conservative	11	Mismatches	2	Indels	0
						Gaps	0
QY	1	KFEESKAALLIANGPEPELLCETFERLEDLYCFFEEAASAGVPGNFSFQLEDEPMKLCRL	60				
Db	10	KFEESKAALLIANGPEPELLCETFERLEDLYCFFEEAASAGVPGNFSFQLEDEPMKLCRL	69				
QY	61	HOAPFARGAIRPWCSLPADTSSFPPLERLTLAASGAPPFHHVITHNEVLLIDAPGLVA	120				
Db	70	HOAPFARGAIRPWCSLPADTSSFPPLERLTLAASGAPPFHHVITHNEVLLIDAPGLVA	129				
QY	121	RLADESGHYVIRLWLPPEETPMTSHIRELIDISAGNAGSVQRYELLEGGTECVLSNLRGR	180				
Db	130	RLADESGHYVIRLWLPPEETPMTSHIREVDSAGNAGSVQRYELLEGGTECVLSNLRGR	189				
QY	181	TRITTAVARARMAEBSFGGFWMSAMSEPVSLTT	211				
Db	190	TRITTAVARARMAEBSFGGFWMSAMSEPVSLTT	220				

Search completed: August 28, 2002, 17:37:38
Job time: 514 sec